

Message Text

UNCLASSIFIED

PAGE 01 NEW DE 03630 101324Z

44

ACTION EB-07

INFO OCT-01 NEA-10 ISO-00 INT-05 AID-05 CIAE-00 FRB-01

INR-07 NSAE-00 USIA-15 TRSE-00 XMB-04 OPIC-06 SP-02

CIEP-02 LAB-04 SIL-01 OMB-01 /071 W

----- 070828

P R 101228Z MAR 76

FM AMEMBASSY NEW DELHI

TO USDOC WASHDC PRIORITY

INFO SECSTATE WASHDC 4566

AMCONSUL BOMBAY

AMCONSUL CALCUTTA

AMCONSUL MADRAS

UNCLAS NEW DELHI 3630

DEPT PLEASE PASS USGS, USBURMINES

E.O. 11652: N/A

TAGS: BEXP IN

SUBJECT: GOI SEEKS US KNOW-HOW FOR RECOVERY OF SCHEELITE
FROM GOLD TAILING DUMPS

1. GOVERNMENT OF INDIA'S DEPARTMENT OF MINES OF THE MINISTRY OF STEEL AND MINS HAS EXPRESSED INTEREST IN ACQUIRING U.S. PROCESS KNOW-HOW FOR THE RECOVERY OF SCHEELITE FROM TAILING DUMPS OF THE GOI'S KOLAR GOLD FIELDS, KARNATAKA STATE. THIS WOULD INVOLVE UNDERTAKING INVESTIGATIONS FOR THE RECOVERY OF SCHEELITE LEADING TO A POSSIBLE LICENSING AGREEMENT FOR THE RECOVERY OF SCHEELITE LEADING TO A POSSIBLE LICENSING AGREEMENT FOR THE SETTING UP OF A PLANT OF SUITABLE CAPACITY FOR PRODUCTION OF MARKETABLE HIGH GRADE CONCENTRATES.

2. THE KOLAR GOLD FIELDS, WHICH HAVE BEEN MINED SINCE THE BEGINNING OF THIS CENTURY, ARE PRESENTLY BEING WORKED BY THE PUBLIC SECTOR BHARAT GOLD MINES LIMITED. ACCORDING TO THE GEOLOGICAL SURVEY OF INDIA (GSI) THE TAILING DUMPS AS OF 1968 HAD REACHED ABOUT 34 MILLION TONS. CURRENT MINING OPERATIONS
UNCLASSIFIED

UNCLASSIFIED

PAGE 02 NEW DE 03630 101324Z

ADD ABOUT 200,000 TONS ANNUAL TO THIS VOLUME. WHILE THE

BULK OF THE TAILINGS CONTAIN SOME SMALL PERCENTAGE OF TUNGSTEN (WO₃) ONLY ABOUT 280,000 TONS ARE CONSIDERED HIGH GRADE TAILINGS AVERAGING 0.154 PERCENT WO₃. THE GRADE AND QUANTITY OF TAILING DUMPS ARE NOTED AS FOLLOWS:

WO ₃ CONTENT	AVERAGE GRADE	ESTIMATED TONNAGE
WO ₃	TAILING DUMPS	
0.100 PERCENT AND ABOVE	0.154	279,000
0.020 PERCENT AND ABOVE	0.0405	554,000
0.010 PERCENT AND ABOVE	0.0245	13,248,000
0.007 PERCENT AND ABOVE	0.0135	33,710,000

3. PAST TESTS INVOLVING A COMBINATION OF TABLING, ROASTING AND MAGNETIC SEPARATION TECHNIQUES CONDUCTED BY THE GSI ON DUMPS CONTAINING 0.14 PERCENT WO₃ HAVE YIELDED A HIGH GRADE SCHEELITE CONCENTRATE (6# PERCENT WO₃) WITH A RECOVERY OF 6666(034:3,5. HOWEVER, SIMILAR TESTS ON SAMPLES CONTAINING 0.034 PERCENT WO₃ DID NOT PROVE SATISFACTORY.

4. U.S. FIRMS WHICH MAY POSSESS THE NEEDED TECHNOLOGY AND ARE INTERESTED IN FURTHER DETAILS REGARDING THIS PROPOSAL, SHOULD CONTACT MR. J. MARWAHA, JOINT SECRETARY, DEPARTMENT OF MINES, ROOM 315A WING, SHASTRI BHAVAN, NEW DELHI, INDIA.SAXBE

UNCLASSIFIED

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: n/a
Control Number: n/a
Copy: SINGLE
Draft Date: 10 MAR 1976
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Authority: n/a
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 JAN 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1976NEWDE03630
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Film Number: D760090-0929
From: NEW DELHI
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1976/newtext/t19760376/aaaacooa.tel
Line Count: 89
Locator: TEXT ON-LINE, ON MICROFILM
Office: ACTION EB
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: n/a
Review Action: RELEASED, APPROVED
Review Authority: ShawDG
Review Comment: n/a
Review Content Flags:
Review Date: 30 AUG 2004
Review Event:
Review Exemptions: n/a
Review History: RELEASED <30 AUG 2004 by meiwc>; APPROVED <08 DEC 2004 by ShawDG>
Review Markings:

Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
04 MAY 2006

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: GOI SEEKS US KNOW-HOW FOR RECOVERY OF SCHEELITE FROM GOLD TAILING DUMPS
TAGS: BEXP, IN
To: COM
Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 04 MAY 2006